

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,908,438 B2  
APPLICATION NO. : 10/657909  
DATED : June 21, 2005  
INVENTOR(S) : Joseph A. Orr et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the title page:**

In ITEM (56) "References Cited,"  
LINE 4,

After the complete entry "Article entitled 'Noninvasive Measurements of Cardiac Output'" and before the entry "Article entitled 'Non-Invasive Pulmonary Blood Flow Measurement'" insert:

--Article entitled "Noninvasive Measurement of Cardiac Output Using Partial Carbon-Dioxide Rebreathing" by John Michael Capek (title, introductory pages and pp. 127-132), printed by UMI Dissertation Services -- December 1988.--

**In the specification:**

COLUMN 7, LINE 1,  
COLUMN 12, LINE 35,  
COLUMN 12, LINE 46,

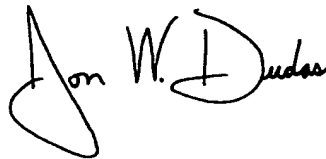
change "Y-niece" to --Y-piece--  
change " $(n-1)/V_t$ " to -- $(n-1))/V_t$ --  
change "( $PACO_2$ )" to --( $P_ACO_2$ )--

**In the claims:**

CLAIM 7, COLUMN 14, LINE 60, change " $(n-1)/V_t$ " to -- $(n-1))/V_t$ --

Signed and Sealed this

Twenty-second Day of August, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*